AMENDMENT NO. 1 DECEMBER 2022

TO

IS 9308 (PART 1) : 2020 SPECIFICATION FOR MECHANICALLY EXTRACTED COIR FIBRES

PART 1 BRISTLE COIR FIBRE

(Second Revision)

(*Page* 3, *clause* **9.1.5**) — Substitute the following for the existing:

'The lot shall be considered as in conformity with the requirements of the standard if the following conditions are satisfied:

a) The colour, texture, percent by mass of 'long' 'medium' and 'short' fibres, and impurities shall satisfy the requirements as specified in **5.1**, **5.2**, **5.3** and **5.4**.

b) From the observed values of moisture content, chloride content and sulphate content, the average ($\overline{X}$) and the range (R) are calculated and the expression $\overline{X}$ - 0.4 R is less than or equal to the values specified in **5.5**, **5.6**, and **5.7**.

NOTES:
1 '$\overline{X}$ ' is the value obtained by dividing the sum of the observed values by the number of tests.
2 The range 'R' is the difference between the maximum and the minimum in a set of observed values.'

(*Page* 5, *Annex* D) — Substitute the following for the existing:

'ANNEX D
(*Clauses* 5.5 and 7.2)

METHOD FOR DETERMINATION OF MOISTURE CONTENT IN BRISTLE FIBRE

D-1 APPARATUS

D-1.1 Conditioning Oven — With forced ventilation, provided with positive valve control and capable of maintaining a temperature of 100 ºC to 110 ºC

D-1.2 Weighing balance — Capability to weigh bristle fibre with an accuracy of 0.5 g

D-1.3 Desiccator

D-2 PROCEDURE

D-2.1 Remove about 50 g of coir fibre from the test sample (*see* **9.1.4.1**) and weigh it correct to the nearest 0.5 g. Place the test specimen in the conditioning oven and dry for one hour at a temperature of 100 ºC ± 2 ºC and cool the specimen to room temperature in the desiccators and determine its weigh to the nearest 0.5 g. Dry for another 15 min and weigh to the nearest 0.5 g. Provided the loss in mass in drying of the test specimen, as disclosed by the first and second weighings, does not exceed 0.25 percent of the first mass. Take the second mass to be the dry mass of the test specimen. If the loss exceeds 0.25 percent, weigh the test specimen at 15 min intervals till the loss between two successive weighings is 0.25 percent or less.

D-2.2 Calculate the percentage of moisture content by the following formula:

Moisture content, percent by mass = $\frac{(m1 - m2)}{m1} \times 100$

Price Group 1

Where,

m_1 = Mass of the original test specimen, and
m_2 = Mass of the oven-dried test specimen.’

(TXD 25)

Publication Unit, BIS, New Delhi, India